

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In the application of:

Lester D. WESTBROOK, et al.

Serial No.: Not Yet Assigned

Filing Date: Concurrently herewith

For: TELECOMMUNICATIONS SYSTEM

Examiner: Not Yet Assigned

Group Art Unit: 2633

Parent Serial No.: 10/243,838

Parent Filing Date: September 16, 2002

**INFORMATION DISCLOSURE  
STATEMENT UNDER 37 C.F.R. § 1.97 & 1.98**

Mail Stop Patent Application  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

Dear Sir:

Pursuant to 37 C.F.R. § 1.97 and § 1.98, Applicants submit for consideration in the above-identified application the documents listed on the attached Form PTO-1449. Copies of the documents were previously submitted in an Information Disclosure Statement and/or Office Action, directed to the related application Serial Number 10/243,838, filed September 19, 2002, and, accordingly, copies are not included herewith. This protocol conforms with 37 C.F.R. §1.98(d) and M.P.E.P. 609(A)(2). The Examiner is requested to make these documents of record in the application.

This Information Disclosure Statement is submitted with the continuation application; accordingly, no fee or separate requirements are required.

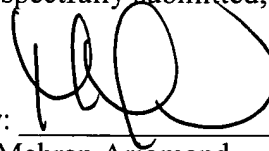
Applicants would appreciate the Examiner initialing and returning the Form PTO-1449, indicating that the information has been considered and made of record herein.

The information contained in this Information Disclosure Statement under 37 C.F.R. § 1.97 and § 1.98 is not to be construed as a representation that: (i) a complete search has been made; (ii) additional information material to the examination of this application does not exist; (iii) the information, protocols, results and the like reported by third parties are accurate or enabling; or (iv) the above information constitutes prior art to the subject invention.

In the unlikely event that the transmittal form is separated from this document and the Patent Office determines that an extension and/or other relief is required, Applicants petition for any required relief including extensions of time and authorize the Commissioner to charge the cost of such petitions and/or other fees due in connection with the filing of this document to **Deposit Account No. 03-1952** referencing 556592000102. However, the Commissioner is not authorized to charge the cost of the issue fee to the Deposit Account.

Dated: March 11, 2004

Respectfully submitted,



By: \_\_\_\_\_

Mehran Arjomand

Registration No.: 48,231

MORRISON & FOERSTER LLP

555 West Fifth Street, Suite 3500

Los Angeles, California 90013

(213) 892-5630

<b>Form PTO-1449</b>  <b>INFORMATION DISCLOSURE CITATION IN AN APPLICATION</b>  <i>(Use several sheets if necessary)</i>	Docket Number 556592000102	Application Number Not yet assigned
	Applicant  Lester D. WESTBROOK et al.	
	Filing Date Concurrently herewith	Group Art Unit 2633
	Mailing Date March 11, 2004	

## U.S. PATENT DOCUMENTS

Examiner Initials	Ref. No.	Date	Document No.	Name	Class	Subclass	Filing Date If Appropriate
	1.	08/1976	3,976,873	BOTTKA, et al.			
	2.	11/1976	3,995,155	HUTCHESON, et al.			
	3.	10/1993	5,251,053	HEIDEMANN, et al.			
	4.	01/1995	5,379,309	LOGAN, Jr.			
	5.	01/1995	5,386,137	DELL, et al.			
	6.	03/1997	5,608,565	SUZUKI, et al.			
	7.	08/1997	5,657,374	RUSSELL, et al.			
	8.	01/1998	5,710,651	LOGAN, Jr.			
	9.	07/1998	5,777,771	SMITH			
	10.	08/1998	5,798,856	SUZUKI, et al.			
	11.	03/1999	5,880,863	RIDEOUT, et al.			
	12.	06/1999	5,917,636	WAKE, et al.			
	13.	09/1999	5,949,564	WAKE			
	14.	10/1999	5,969,837	FARBER, et al.			
	15.	11/1999	5,987,303	DUTTA, et al.			

## FOREIGN PATENT DOCUMENTS

Examiner Initials	Ref. No.	Date	Document No.	Country	Class	Subclass	Translation YES NO
-------------------	----------	------	--------------	---------	-------	----------	-----------------------

EXAMINER:

1DATE CONSIDERED:

EXAMINER: Initial if citation considered, whether or not the citation conforms with MPEP 609. Draw a line through the citation if not in conformance and not considered. Include a copy of this form with next communication to applicant.

<b>Form PTO-1449</b>  <b>INFORMATION DISCLOSURE CITATION IN AN APPLICATION</b>  <i>(Use several sheets if necessary)</i>	Docket Number 556592000102	Application Number Not yet assigned
	Applicant  Lester D. WESTBROOK et al.	
	Filing Date Concurrently herewith	Group Art Unit 2633
	Mailing Date March 11, 2004	

	16.	05/1985	0143000 B1	European				
	17.	12/1995	0416879 B1	European				
	18.	05/1996	0714218 A1	European				
	19.	10/1995	WO 95/27346	PCT				
	20.	08/1990	0414333 A2	European				

## OTHER DOCUMENTS

Examiner Initials	Ref. No.	Title
	21.	Moodie, et al., "Discrete Electroabsorption Modulator with Enhanced Modulation Depth", JOURNAL OF LIGHTWAVE TECHNOLOGY, Vol. 14, no. 9, September 1996
	22.	"Bidirectional Fibre-Optical transmission Using a Multiple Quantum-Well (MQW) Modulator/Detector, ELECTRONICS LETTERS, 8 May 1986, Vol. 22, pp 528-529
	23.	Frigo, et al., "A Wavelength-Division Multiplexed Passive Optical network With cost-Shared Components" IEEE PHOTONICS TECHNOLOGY LETTERS, Vol. 6, no. 11, November 1994
	24.	Westbrook, et al., "Simultaneous Bi-Directional Analogue Fibre-Optic Transmission Using An Electroabsorption Modulator", ELECTRONICS LETTERS, 12 September 1996, Vol. 32, pp 1806-1807
	25.	VanBlaricum, "Photonic Systems for Antenna Applications", IEEE ANTENNAS AND PROPAGATION MAGAZINE, Vol. 36, No. 5, October 1994
	26.	Sun, et al., "High Spurious Free Dynamic Range Fibre Link using a Semiconductor Electroabsorption Modulator", ELECTRONICS LETTERS, 25 May 1995, Vol. 31, No. 11
	27.	Moodie, et al., "Generation of 6.3 ps Optical Pulses at a 10 GHz Repetition Rate Using a Packaged Electroabsorption Modulator and Dispersion Compensating Fibre", ELECTRONICS LETTERS, Vol. 30, No. 30, 29 September 1994
	28.	Welstand, et al., "Dual-Function Electroabsorption Waveguide Modulator/Detector for Optoelectronic Transceiver Applications", IEEE PHOTONICS TECHNOLOGY LETTERS, Vol. 8, No. 11, November 1996
	29.	Suzuki, et al., "New Applications of a Sinusoidally Driven InGaAsP Electroabsorption Modulator to IN-Line Optical Gates with ASE Noise Reduction Effect", JOURNAL OF LIGHTWAVE TECHNOLOGY, 10 (1992) December, No. 12, New York. US
	30.	Westbrook, et al., "Full-Duplex, 25 km Analogue Fibre Transmission at 120Mbit/s with Simultaneous Modulation and Detection in an Electroabsorption Modulator", ELECTRONICS LETTERS, 10 April 1997, Vol. 33, No. 8
	31.	Noel, et al., "120 Mbit/S QPSK Data and Multi-Channel TV Transmission Over 13 km Fibre to a 60GHz Mobile Radio Link Using an Electroabsorption Modulator as a Transceiver", ELECTRONICS LETTERS, 17 July 1997, Vol. 33, No. 15, pp 1285-1286

EXAMINER:	DATE CONSIDERED:
EXAMINER: Initial if citation considered, whether or not the citation conforms with MPEP 609. Draw a line through the citation if not in conformance and not considered. Include a copy of this form with next communication to applicant.	